

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-32 (canceled).

33. (new) Extrusion installation for manufacturing pipes comprising:

a base, a carriage comprising a linear motor is reciprocally mounted on the base for movement relative thereto, a cutting apparatus mounted on the carriage, wherein the carriage, as slave, is subject to open and/or closed loop control by a transport device, as master, disposed upstream of the cutting apparatuses, a plurality of permanent magnets arranged on an underside of the carriage and spaced over the entire length of the carriage, and at least one activatable coil on the base for accelerating the carriage back and forth on the base when the coil is activated.

34. (new) Extrusion installation according to claim 33, wherein the base is provided with at least one linear guide and the carriage is reciprocable in linear direction relative to a base by the at least one linear guide.

35. (new) Extrusion installation according to claim 34, wherein the base is provided with two linear guides which are disposed parallel to one another.

36. (new) Extrusion installation according to claim 35, wherein the permanent magnets are disposed between the two linear guides in the underside of the carriage.

37. (new) Extrusion installation according to claim 35, wherein the at least one coil is disposed close to the permanent magnets of the carriage between the linear guides.

38. (new) Extrusion installation according to claim 33, wherein the cutting apparatus is formed by a rotating blade unit and at least one servomotor, and the rotating blade unit at one end has a centering piece and a guide bush is disposed upstream of the centering piece.

39. (new) Extrusion installation according to claim 33, wherein the carriage has a stop which interacts with two mutually spaced-apart buffer elements comprising spring damper elements associated with the base.

40. (new) Extrusion installation according to claim 33, wherein two inductive proximity switches are associated with the base and are mutually spaced apart and are used for zero point determination for a reference travel time of the carriage.

41. (new) Extrusion installation according to claim 35, wherein the open and/or closed loop control is effected with regard to acceleration, negative acceleration and maximum excursion of a linear motion of the carriage relative to the base by the linear guide activated by means of the at least one coil associated with the base.

42. (new) Extrusion installation according to claim 35, wherein the carriage in an actively driven manner is reciprocable almost without contact relative to the base by means of at least one magnetic path which is provided inside or outside of the linear guides and parallel thereto.

43. (new) Extrusion installation according to claim 35, wherein the base and/or the linear guide is associated with an incremental or inductive length measuring system which interacts with the carriage for exact position determination wherein, by means of said position determination, the speed of the carriage is determinable and governable.